

Manual Trade-Off Worksheet

Builder Name _____ Date _____
 Builder Address _____
 Site Address _____ Zone ☐ 12 ☐ 13 ☐ 14
 Submitted By _____ Phone _____

Permit # _____
Checked By _____
Date _____

PROPOSED

REQUIRED

Ceiling, Skylights, and Floors Over Outside Air

Description	Insulation R-Value	U-Value	x Net Area	=	UA
Ceiling (Table J6.2.2a)			ft ²	→	
Floor Over Outside Air (Table J6.2.2a)			ft ²	→	
			ft ²		
			ft ²		
Total Area			ft ²		

Required U-Value (Table 6.2.2h)	x Area	= UA

Walls, Windows, and Doors

Description	Insulation R-Value	U-Value	x Net Area	=	UA
Walls (Table J6.2.2b,c,d)			ft ²	→	
Windows (NFRC or Table J1.5.3a)	_____		ft ²	→	
Doors (NFRC or Table J1.5.3b)	_____		ft ²	→	
Sliding Glass Doors (NFRC or Table J1.5.3a)	_____		ft ²	→	
			ft ²	→	
			ft ²		
Total Area			ft ²		

Required U-Value	x Area	= UA

Floors and Foundations

Description	Insulation R-Value	Insulation R-Value	U-Value	x Area or Perimeter	= UA
Floor Over Unconditioned Space	(Table J6.2.2e)			ft ²	
Basement Wall	(Table J6.2.2f)			ft ²	
Unheated Slab (Table J6.2.2g)	In.			ft ²	
Heated Slab (Table J6.2.2g)	In.			ft ²	
				ft ²	
				ft ²	
Total Proposed UA must be less than or equal to Total (or Adjusted) Required UA					Total Proposed UA

Required U-Value	x Area	= UA
↔ Total OR Required UA		
↘ Adjusted Required UA		

Statement of Compliance: The proposed building design represented in these documents is consistent with the building plans, specifications, and other calculations submitted with the permit application.

Builder/Designer _____

Company Name _____

Date _____